s,

303304 503304

Q,

```
밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ₽
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ωy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 δÃ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               밁
                                                                                                                                                                                                                                                                                                                                    Ϋ́
               밁
                                         Ş
                                                                                                  δã
                                                                                                                                 밁
                                                                                                                                                         QΥ
                                                                                                                                                                                          밁
                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                          Ş
                                                                                                                                                                                                                                                                                                         밁
                                                                                                                                                                                                                                                                                                                                                                  밁
                                                                        밁
                                                                                                                                                                                                                  ρ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            polyA_signal
BASE COUNT 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 1656;
                                                                                                                                                                                                                                                                                                                                               5067 gtagggatcagacgaaagtgagaagacctctbctcttttcagaaagacggcgtggcctcc 5126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5007 ccggagaggaaagactgacactgggagtggcEggtatgttgggggccctgtgcgtctcggt 5066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4947 tgatggctgctccctctcctgcagattgactctatggagcagctggtcctaacatatcag 5006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4827 tccctgggctagggaaatccataagctggagftcccacctgcctgcctgcctgctgc 4886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4767 tcggtgcatgagttcccatgtgggatgcagg
                                                                       5427 actgaggtgccgtgtgacggtggccttggagghcccagcactgacccatagagggctcct 5486
                                                                                                                5247 atotcatogaataagactoatoatttaatooftgtgagaattttgtgaggtgtacgtgtt 5306
                                                                                                                                                                                                                                                                                                                                    5187
               5487 ctcagatgggcagcagcttggagcaggccaggdagggcctggtccattggagggggctggc 5546
                                                                                                                                                                                         5307 aatgtcccatttcacgacgacagacaagactctggggatgggaatgacttcctcgagac 5366
                                                                                                                                                                                                                                                                                                                                                                                                                                                              301 CCGGAGAGGAAAGACTGACACTGGGAGTGGCTGGGTATGTTGGGGGCCCTGTGCGTCTCGGT 360
                                                                                                                                                                                                                                                                                                                                                                                                       361 GTAGGGATCAGACGAAAGTGAGAAGACCTCTCTCTTTTCAGAAAGACGGCGTGGCCTCC 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     241 TGATGGCTGCTCCCTCCTGCAGATTGACTCTATGGAGCAGCTGGTCCTAACATATCAG 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        541 ATCTCATCGAATAAGACTCATCATTTAATCCTTGTGAGAATTTTGTGAGGTGTACGTGTT 600
781 CTCAGATGGGCAGCAGCTTGGAGCAGG-CAGGCAGGGCCTGGTCCATTGGAGGGGCTGGC 839
                                                               721 ACTGAGGTGCCGTGTGACGGTGGCCTTGGAGG
                                                                                                                                                                         601 AATGTCCCATTTCACGACGAAAAGACAAGACTCTGGGGATGGGAATGACTTCCTCGAGAC 660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tcggtgcatgagttcccatgtgggatgcaggpagagtgggtgagggagggagggttgcct 4826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          340 a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /product="TCL1 / MTP1-like 1 (TML1)"
1601. .1606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /protein_id="Ba\a924\f6.1"
/db_xreff="GI:5478620"
/db_xreff="GI:5478620"
/translation="MASEASVRLGVPPGRLWIQRPGIYEDEEGRTWVTVVVYRENPSRR
EWARASQGSRYEDESITVHLWOMAVHTRELLSSGQMPFSQLPAVWQLYPRRKYRAADSS
FWEIADHGQIDSMEQLVLTKQPERKD"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /gene-
/codon_start=1
/product="TCL1 / MTCp1-like l"
/product="TGL1 / MTCp1-like l"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Join(AB025272.1:14). .310,AB025273.1:223. .393,265. .318)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       466 c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          473 g
                                                         CCCAGCACTGACCCATAGAGGGCTCCT 780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     438 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Indels 2; Gaps
```

Db 1679 AGCTTCTC	- 9	Db 1619 CTGTCC	tgto	1559 AAGGG	999	1499 GGGAG	AGAI	0 4	1379 GTCT	Qy 6087 gtctg	Db 1319 TGGAAA	- 10	Db 1259 TCATA	cat	11	907 ggg	1139 GGG	ģ	1079 CTTA	5787 Ctta	1020 ATAG	27 ata	Db 960 CTCCT		Db 900 TGAC	نΩ -	Db 840 ACTG	- 6	
GTACCGAAATGTTAAGGT	gtaccgaaatgttaaggt	CACTTTTGTGCTGAATTGGAG	tttgtgctgaattggag	ATGCTAGTCCGTGAAGGTGAC	gctagtccgtgaaggtga	CATGGAGGGATGGGTTTGGC	CAGTGCTGAGCAAGCAATC	ccagtgctgagcaagcaatg	GTGGACTT	atgtggacttggatgcc		ctcaccatcggcaggcagt		cccaccaggatgtgtgccc	CTTTCTCCTCTGTGCCCCTC	tttetee	CTTCACTGGGGCCCTGTCTGTGT	cactqqqqccctqtctq	GTTATCAGTCCTGTCCTGTCC	ttatcactactatatat			CATGCCCCCTCAGTGAGG	catgcccctcagtgagg	I I I I I I I I I I I I I I I I I I I	tgtctcctttggtcttctc	GACTTGCCTTTGACCCCAG	gacttgcctttgaccccag	
 	aacatttaat	CCTCTCTTGACCTCTTTCTAGCA	cetetettqacetetttctage		ctcacagtactggttaattaaac	CTGTGCTTCTGCTTATTCACTCTT	TACACCAGAGCCTCAGTGAGCCC	tacaccggagcctcagtgagccca	GTGGGTATCAGTTCTGCTGACACTT	tgggtatcagttctgct	GTTCGGTTTAAGAGATGGCATTAG	gttcqqtttaaqaqatqqcat	SCCAGGCCTCCAGCACCCCCAGTGCA	accadact coareaccase	4-90-94-00-64-94-90-64-96-96-96-96-96-96-96-96-96-96-96-96-96-	tratratatatatatata		TC+ Can	.ccactcaggtctgtacttagggcagct 	AGGGCC		TOTAL		tetteatqtacetqctct	8=	aggeeetgetggeetg	TIGGATGGGGTGCCGGGCTCC	gettggatggggtgccqqqctcc	
			TOT WOLLDSTIWT!		CAGCTCACGG 155	1 26	TCTGCACAGTG 1498	tgcacac	TGGCCCGAAA 143	cggcccgaaa 614	9499949ccca 6086 GAGGGAGCCCA 1378	addressed to	9010919at 602	CCARAICCUT 125	ccaaatcccct 596	CTGCAAGCTGT 11	ctgcaagctgt 590	Secure Handler	ggcctggat 584	CICGITII	tetetegtttte 5786	TGCACACC		מנט במחממים ביו	11111111	Minotartat Ecc	11111111111111111111111111111111111111	ccatagttcac sko	

SOURCE ORGANISM ACCESSION VERSION KEYWORDS DEFINITION Homo sapiens

REFERENCE

Homo sapiens adult placenta cDNA to mRNA, clone:ppL1. HOMO sapiens TML1 mRNA, AB018563 AB018563.1 GI:4587305 complete cds. PRI 14-APR-2000

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

```
NOTATINE BELLEVIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JOURNAL
MEDLINE
REFERENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BASE COUNT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 1361; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE
                                                                                                              5208 cagtgggtgggcccccataataagttcctaaagcatgggatctcatcgaataagactcat 5267
                                                                                                                                                                                    4968 cagattgactctatggagcagctggtcctaacatatcagccggagaggaaagactgacac 5027
                                                                                                                                                                                                                                                                                                                                       5028 tgggagtggctagttatgttggggccctgtgcgtctcggtgttagggatcagacgaaagtga 5087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                POLYA_Site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    polyA_signal
                                                                                                                                                               541 ATTTTCTTACATAGCCACCTGTCACCTCTGTTCCCCCAGCCCCTTGGATGTGATGGTACA 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         exon
                                                                                        601 CAGTGGGTGGGCCCCCATAATAAGTTCCTAAAGCATGGGATCTCATCGAATAAGACTCAT 660
                                                                                                                                                                                                                                                                                                                   421 TGGGAGTGGCTGGTATGTTGGGGCCCCTGTGCGTCTCGGTGTAGGGGATCAGACGAAAGTGA 480
                                                                                                                                                                                                                                                                                                                                                                                          361 CAGATTGACTCTATGGAGCAGCTGGTCCTAACATATCAGCCGGAGAGGAAAGACTGACAC 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                Catttaatccttgtgagaattttgtgaggtgtacgtgttaatgtcccatttcacgacgaa 5327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Submitted (12-OCT-1998) to the DDBJ/EMBL/GenBank databases.
Masaharu Isobe, Toyama University, Faculty of Engineering; Gofuku
3160, Toyama, Toyama 930-8555, Japan
[E-mail:isobe@eng.toyama-u.ac.jp, Tel:+81-76-445-6872,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sugimoto, J., Hatakeyama, T., Narducci, M.G., Russo, G. and Isobe, M. Identification of the TCI1/MTCP1-like 1 (TML1) gene from the region next to the TCL1 locus
Cancer Res. 59 (10), 2313-2317 (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fax:+81-76-445-6874
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Isobe, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             99274532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (bases 1 to 1722)
be,M., Sugimoto,J. and Hatakeyama,T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             333 a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /number=3
1700. .1705
1722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /note="8 a nucleotides"
477 c 489 g 423 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       364.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="taxon:9606"
/chromosome="14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /translation="maseasvrlgvppgrlwiqregiyedeegriwvivvvkfnpsrr
zwarasogsrvepsiivhlwomavhtrellssgompfsolpavwolyprrkyraadss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /protein_id="BAA76712.1"
/db_xref="GI:4587306"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /codon_start=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /standard_name="TCL1/ MTCP1-like 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /gene="TML1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /number=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /dev_stage="adult"
/map="14q32.1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     number=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /gene="TML1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WEIADHGQIDSMEQLVLTYQPERKD"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /gene="TML1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  tissue_type="placenta"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20.6%; Score 1338.4; DB 9; Length 1722; 99.8%; Pred. No. 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      . 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .1722

 Mismatches

                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA 1-128 T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    identify to sea ID #46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2;
```

```
δõ
                                                                                                                                                            밁
                                                                                                                                                                                          QУ
                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                  20
                                                                                                                                                                                                                                                                                                        B
                                                                                                                                                                                                                                                                                                                                          δõ
                                                                                                                                                                                                                                                                                                                                                                                DЬ
                                                                                                                                                                                                                                                                                                                                                                                                                Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                        망
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Qγ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              δÃ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Qγ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Вb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ğ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      δÃ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               밁
1679 GIGACCICACAGTACIGGTTAATTAAACITTAITGCTCACTGTC 1722
                      6288 gtgacctcacagtactggttaattaaactttattgctcactgtc 6331
                                                                                          6228 tggcctgtgcttctgcttattcagtccttcagctcacggaagggatgctagtccgtgaag
                                                                                                                                            1559 AATGTACACCAGAGCCTCAGTGAGCCCATCTGCACAGTGGGGAGCATGGAGGGATGGGTT 1618
                                                                                                                                                                    6168 aatgtacaccggagcctcagtgagcccatctgcacagtggggagcatggagggatgggtt 6227
                                                                                                                                                                                                                      1499 CCCTGTGGGTATCAGTTCTGCTGACACTTTGGCCCGAAATAGATCCAGTGCTGAGCAAGC
                                                                                                                                                                                                                                        6108 ccctgtgggtatcagttctgctgacactttggcccgaaatagatccagtgctgagcaagc 6167
                                                                                                                                                                                                                                                                                            1439 CAGTGGTTCGGTTTAAGAGATGGCATTAGAGGGAGCCCAGTCTGGATGTGGACTTGGATG 1498
                                                                                                                                                                                                                                                                                                                6048 cagtggttcggtttaagagatggcattagagggagcccagtctggatgtggacttggatg 6107
                                                                                                                                                                                                                                                                                                                                                                    1379 CCCAGCCAGGCCTCCAGCACCCCAGTGCAGCTCGTGATTGGAAACTCACCATCGGCAGG 1438
                                                                                                                                                                                                                                                                                                                                                                                      5988 cccagccaggcctccagcaccccagtgcagctcgtgattggaaactcaccatcggcagg 6047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1619
                                                                                                                                                                                                                                                                                                                                                                                                                                            1319 CCTCATGCTGATCTTCTAGATGCCACTCCCAAATCCCCTTCATACCCACCAGGATGTGTG 1378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5748 ggcagtagggcccctgcacactcagtttctctctcgttttcccttagttatcagtcctgtcct 5807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1080 GGATCTTCATGTACCTGCTCTTCTGTTTGCACACCCAGCATAGCCT-CTTGCAGGCAGAA 1138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5508 agcaggccaggcaggcctggtccattggaggggctggcactggacttgcctttgacccc 5567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5328 aagacaagactctggggatgggaatgacttcctcgagaccatacagccaggaaatagcgg 5387
                                                                                                                                                                                                                                                                                                                                                                                                                                                            5928 cotcatgctgatcttctagatgccactcccaaatccccttcatacccaccaggatgtgtg 5987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1139 GGCAGTAGGGCCCCTGCACACTCAGTTTCTCTCGTTTTCCTTAGTTATCAGTCCTGTCCT 1198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1020 TCGCAGGCCCTGCTGCCTGCCTCTTCTGGCCTGGTGTCTCCTCATGCCCCCTCAGTGA 1079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5448 ggccttggaggacccagcactgacccatagagggctcctctcagatgggcagcagcttgg 5507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5388 tgaatctagtgatctcgggtccctagatttaaccatggcactgaggtgccgtgtgacggt 544]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             781 TGAATCTAGTGATCTCGGGTCCCTAGATTTAACCATGGCACTGAGGTGCCCGTGTGACGGT 840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               661 CATTTAATCCTTGTGAGAATTTTGTGAGGTGTACGTGTTAATGTCCCCATTTCACGACGAA 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              901 AGCAGG-CAGGCAGGGCCTGGTCCATTGGAGGGGCTGGCACTGGACTTGCCTTTGACCCC 959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       841 GGCCTTGGAGGACCCAGCACTGACCCATAGAGGGCTCCTCTCAGATGGGCAGCAGCTTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       721 AAGACAAGACTCTGGGGATGGGAATGACTTCCTCGAGACCATACAGCCAGGAAATAGCGG 780
                                                                          TGGCCTGTGCTTATTCAGTCCTTCAGCTCACGGAAGGGATGCTAGTCCGTGAAG
                                                                            1678
                                                                                                              6287
                                                                                                                                                                                                                        1558
```

AF110466 RESULT

맑 Qy

δÃ B δõ

밁